1998 STANDARDIZATION NEWS

A

Abe, Hironari:
Receives Award of Appreciation from E-17 (Photoessay), Dec., 58
Adams, W.I.:
Receives Award of Merit from F-17, Sept., 44
Adhesives:
see ASTM Committee D-14
Advanced Ceramics:
see ASTM Committee C-28
Air Conditioning and Refrigeration Technology Institute:
Seeking Experts for Program (National/International Update), May, 7
American Institute of Hydrology:
Joint Conference Held with CIS (National/International Update), Dec., 6
American National Standards Institute (ANSI):
Agreement with NSSB (National/International Update), Mar., 4
Co-Hosts World Standards Day Summit with NIST (National/International Update), Aug., 4
American Welding Society (AWS):
Names St. Louis Arch as Historical Welded Structure (National/International Update), Sept., 4
Analytical Chemistry for Metals, Ores and Related Materials:
see ASTM Committee E-1
Anesthetic and Respiratory Equipment:
see ASTM Committee F-29
ANSI:
see American National Standards Institute
Appearance:
see ASTM Committee E-12
ARMA:
see Asphalt Roofing Manufacturers Association
Aromatic Hydrocarbons and Related Chemicals:
see ASTM Committee D-16
ASME International:
Hosting Symposium on Durability of Materials (National/International Update), Aug., 4
Partnership that Saves Lives (Nisbett), Feb., 24
Relocates Headquarters (National/International Update), Oct., 6
ASM—The Materials Information Society:
Holding Materials Solutions 98 in October (National/International Update), June, 6
Asphalt Roofing Manufacturers Association (ARMA):
New Web Site (National/International Update), Sept., 4
ASTM:
Exhibits at World Standards Day (Photoessay), Feb., 47
Impact of Standards Contest, Jan., 80
New Activity on Multi-Cellular Biological Control Organisms (ASTM Update), July, 4
Signs MOU with SAE, Jan., 10
Staff Service Awards, Aug., 48
ASTM 1998 Officers' Conference:
1998 Officers' Conference (Shop Talk), Mar., 13
(Photoessay), Dec., 17
ASTM Board of Directors:
1998 Society Officers Elected, Jan., 65
1999 Nominations Announced, Oct., 64
Interview with the 1998 Chairman of the ASTM Board, Jan., 20
News of the ASTM Board, Jan., 15; Dec., 21
Nominations Sought, Mar., 8
Photo, July, 48
ASTM Centennial:
ASTM: A Proven Partnership—The ASTM Video, Apr., 64
ASTM Centennial Poster (Gorman), Aug., 64
ASTM Impact of Standards Contest, Jan., 80
Centennial Art Unveiling (In Closing), Sept. 64
Century of Progress, ASTM: 1898-1998, Jan., 25; (ASTM Update), Apr., 4
Committee Week Collection, Mar., 64; May, 56; June, 64; July, 64; Sept., 17, 19
Company Members, June, 48
What a Century It's Been! (Inside *SN*), Jan., 3
Congratulation Letters:
American Association of Textile Chemists and Colorists, May, 18
American Concrete Institute, Mar., 16
American National Standards Institute, Feb., 18
American Petroleum Institute, Apr., 15
American Society of Mechanical Engineers, Feb., 19
ASM International, Aug., 20
British Standards Institution, May, 17
Canadian Standards Association, Oct., 23
Deutsches Institut für Normung, Aug., 19
Grace Construction Products, Sept., 14
Institute of Electrical and Electronics Engineers, Sept., 13
International Organization for Standardization, Apr., 14
Juvenile Products Manufacturers Association, Nov., 24
National Association of Corrosion Engineers, Oct., 24
National Fire Protection Association, July, 16
National Institute of Standards and Technology, June, 24
Pennsylvania Governor Tom Ridge, Dec., 30
Underwriters Laboratories, July, 15
U.S. Consumer Product Safety Commission, Nov., 23
U.S. Department of Defense, Mar., 15
U.S. Department of Energy, Dec., 31
White House, June, 23
Heritage Collection:
see Heritage Collection
Impact of Standards Paper Contest Winners, Nov., 72
Steel Foundation (Inside *SN*), Feb., 3
What a Century It's Been! (Inside *SN*), Jan., 3
ASTM Committee A-1 on Steel, Stainless Steel and Related Alloys:
100 Years of Specification A 1 (Martens), Feb., 28
First 100 Years (Jonas), Feb., 21
Heritage Collection: A 6/A 6M (Sikora), Feb., 64
Partnership that Saves Lives (Nisbett), Feb., 24
Steel Foundation (Inside *SN*), Feb., 3
Steel: Its Next One Hundred Years (Krauss), Feb., 36
Then, Now, and In-Between (Rau), Feb., 32
U.S. Experience in ISO Technical Committee 17 on Steel (Tyson), Feb., 40
Subcommittee A01.13 on Mechanical and Chemical Testing and Processing Methods of Steel Products and Processes:
Draft Standard for Temperature Uniformity Surveys of Furnaces Being Balloted, Sept., 11
A01.97 on Harmonization of Carbon and Alloy Steel Compositions:
Formed, Dec., 14
ASTM Committee A-5 on Metallic Coated Iron and Steel Products:
Rust Never Sleeps (Inside *SN*), Aug., 3
Testing for Corrosion (Lawson, Mongeon), Aug., 28
ASTM Committee A-6 on Magnetic Properties:
Approves A 976 (ASTM Update), Apr., 4
Presents Award of Merit to K.L. Latimer, Aug., 51
ASTM Committee B-1 on Electrical Conductors:
B01.07 on Conductors of Light Metals:
Developing Harmonized Spec for Solid Hard-Drawn Aluminum Wire for Electrical Purposes (ASTM Update), July, 4
ASTM Committee B-2 on Nonferrous Metals and Alloys:
Invisible Metal [B 6] (Heritage Collection), Aug., 22
Merges with B-4; New Subs Formed, Aug., 10
ASTM Committee B-4 on Materials for Thermostats, Electrical Heating and Resistance, Contacts and Connectors:
Merges with B-2; New Subs Formed, Aug., 10
ASTM Committee B-5 on Copper and Copper Alloys:
Copper Standards (Cohen), Aug., 34
Metal of Civilization [B 115, B 49] (Heritage Collection), Aug., 21
Rust Never Sleeps (Inside *SN*), Aug., 3
ASTM Committee B-7 on Light Metals and Alloys:
Keeping Pace with Industry (Hsu, Kralik, Buck), Aug., 32

SUBJECT INDEX

Rust Never Sleeps (Inside *SN*), Aug., 3

ASTM Committee B-8 on Metallic and Inorganic Coatings:
Marriage of Necessity (Long), Aug., 24
Rust Never Sleeps (Inside *SN*), Aug., 3

ASTM Committee C-1 on Cement:
Bridging the Mountain Pass (Inside *SN*), Mar., 3
Cement and the Dismal Science (Hauser), Mar., 20
Symposium on Developments in Test Methods for Alkali-Silica Reaction, Oct., 18
Symposium on Masonry: Materials, Testing, and Applications, Nov., 16

ASTM Committee C-3 Chemical-Resistant Nonmetallic Materials:
Invites Participation, Sept., 10

ASTM Committee C-4 on Vitrified Clay Pipe:
From the Ground Up (Gorman), July, 21

ASTM Committee C-7 on Lime:
Symposium on Masonry: Materials, Testing, and Applications, Nov., 16

ASTM Committee C-9 on Concrete and Concrete Aggregates:
Bridging the Mountain Pass (Inside *SN*), Mar., 3
Concrete Performs Well (Mather), Mar., 24
Influence and Adaptability (Heritage Collection), Mar., 17
Symposium on Developments in Test Methods for Alkali-Silica Reaction, Oct., 18

ASTM Committee C-11 on Gypsum and Related Building Materials and Systems:
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
From Mud and Reeds to Walls and Ceilings (Erwin, Engbrecht), July, 30
Lessons of Tragedy (Inside *SN*), July, 3

C11.05 on Application of Exterior Insulating and Finish Systems:
PS 49 Adopted as Full Standard C 1397 (ASTM Update), Dec., 4

ASTM Committee C-12 on Mortars for Unit Masonry:
From the Ground Up (Gorman), July, 21
Symposium on Masonry: Materials, Testing, and Applications, Nov., 16

ASTM Committee C-13 on Concrete Pipe:
From the Ground Up (Gorman), July, 21

ASTM Committee C-14 on Glass and Glass Products:
New Reference Material 8010 Available from NIST, Dec., 13

C14.08 on Flat Glass:
New Glass Standards Released, Oct., 12

ASTM Committee C-15 on Manufactured Masonry Units:
From the Ground Up (Gorman), July, 21
Symposium on Masonry: Materials, Testing, and Applications, Nov., 16

ASTM Committee C-16 on Thermal Insulation:
Interview with the 1998 Chairman of the ASTM Board of Directors, Jan., 20
Lessons of Tragedy (Inside *SN*), July, 3
Presents Award of Merit to J.R. Mumaw, Feb., 50
Thermal Insulation Works for You (McElroy), July, 22

ASTM Committee C-17 on Fiber-Cement Products:
Providing a Baseline [C 1186] (Heritage Collection), Mar., 18

ASTM Committee C-18 on Dimension Stone:
Stone Test Wall Anniversary Celebrated, Oct., 14

ASTM Committee C-24 on Building Seals and Sealants:
Developing New Test Methods for Aerosol Foam Sealants (ASTM Update), Nov., 4
High Performance Sealants Do the Hockman Cycle [C 719] (Heritage Collection), July, 17
New Standard on Structural Sealant Glazing, Nov., 11
Presents Award of Merit to H.F. Pendleton Jr., Nov., 59

ASTM Committee C-27 on Precast Concrete Products:

C27.20 on Architectural and Structural Products:
Develops Spec for Precast Autoclaved Aerated Concrete High-Precision Wall Construction Units (ASTM Update), July, 4

ASTM Committee C-28 on Advanced Ceramics:
Broad Appeal (Inside *SN*), Nov., 3
New Stone Age (Jenkins), Nov., 48

ASTM Committee D-1 on Paint and Related Coatings, Materials and Applications:
Making Paint Safer [D 235, D 3960, D 4236] (Heritage Collection), May, 20
Paint Bridges this Century (Weaver), May, 30
Standards Development as Crisis Management (Inside *SN*), May, 3

D01.24 on Physical Properties of Liquid Paints and Paint Materials:
Completes D 6165 (ASTM Update), May, 4

D01.38 on Hydrocarbon Resins:
Resins Available from Exxon and Hercules (ASTM Update), Nov., 4

D01.57 on Artists' Paints and Related Materials:
Research Project to Identify Organic Pigment Content of Colored Pencils, Sept., 9

ASTM Committee D-2 on Petroleum Products and Lubricants:
ASTM Gasoline Specification (Gibbs), Apr., 40
ASTM, the Petroleum Industry, and Quality Assurance (Bover), Apr., 28
Automotive Diesel Fuel (Westbrook), Apr., 34
Aviation Fuel: Its Energy Has Knit the World (Dukek), Apr., 20
Building Blocks of Petroleum Standardization [D 86, D 445, D 1655] (Heritage Collection), Apr., 16
Committee D-2 on Petroleum Products and Lubricants (Thompson), Apr., 18
Fueling a Nation (Inside *SN*), Apr., 3
Longstanding Partnership Results in Review of Critical Petroleum Tables (Beaty, Brown), Dec., 26
Motor Oil, the Lifeblood of Your Engine (Shaub), Apr., 24
Symposium on Oil Flow Studies at Low Temperatures, Oct., 13

ASTM Committee D-4 on Road and Paving Materials:
Bridging the Mountain Pass (Inside *SN*), Mar., 3
Building America's Roadway Network (Waller), Mar., 28
Presents Award of Merit to B.F. Himmelman, Nov., 59
Symposium on Hot-Mix Asphalt Construction: Certification and Accreditation Programs, Nov., 16

ASTM Committee D-5 on Coal and Coke:
Bridging the Mountain Pass (Inside *SN*), Mar., 3
Partners in Progress (Graham), Mar., 36
Presents Award of Merit to R.D. Graham, Aug., 51

ASTM Committee D-7 on Wood:
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
Standardization of Structural Wood Products (Galligan), May, 36
Standards Development as Crisis Management (Inside *SN*), May, 3

ASTM Committee D-8 on Roofing, Waterproofing, and Bituminous Materials:
From the Ground Up (Gorman), July, 20
Presents Award of Merit to H. Hardy-Pierce, Nov., 59
Symposium on Roofing Research and Standards Development, Nov., 17

D08.04 on Felts and Fabrics:
Seven New Standards Approved, May, 12

ASTM Committee D-9 on Electrical and Electronic Insulating Materials:
Presents Award of Merit to E.J. McGowan, July, 51

ASTM Committee D-10 on Packaging:
Approves D 6198 (ASTM Update), Apr., 4
Bridging the Mountain Pass (Inside *SN*), Mar., 3
Develops D 6199 (ASTM Update), Jan., 4
Getting the Goods Safely and Efficiently to Market (McKinlay), Mar., 32
Performance Package [D 4169] (Heritage Collection), March, 19
Presents Award of Merit to A.H. Catlin, Aug., 51
Presents Award of Merit to J.P. Moroze, Feb., 50
Presents Award of Merit to R.M. Fiedler, Feb., 50

D10.26 on Shipping Containers and Pallets:
Pallet Committee Lifts Industry Toward Recycling with Pallet Marking Concept, Oct., 8

D10.31 on Child-Resistant Packaging:
Revising D 3475 (ASTM Update), Nov., 4

ASTM Committee D-11 on Rubber:
Rubber: A Key Element in 20th Century Industrialization (Veith), Sept., 34

ASTM Committee D-13 on Textiles:
Care Labeling [D 5489] (Heritage Collection), May, 19
Forms PTP on Flammability of General Wearing Apparel (ASTM Update), Feb., 4
From Pump Up to Pop Up (Pratt), May, 22

SUBJECT INDEX

Standards Development as Crisis Management (Inside *SN*), May, 3

ASTM Committee D-14 on Adhesives:
Industry Resource Guide Available (National/International Update), Oct., 6

ASTM Committee D-15 on Engine Coolants:
Presents Award of Merit to R.P. Carr, Oct., 62

ASTM Committee D-16 on Aromatic Hydrocarbons and Related Chemicals:
Presents Award of Merit to W.C. Brant, Nov., 59

ASTM Committee D-18 on Soil and Rock:
New Standards and Possible Short Course on Geostatistics for Environmental Applications Under Development, Aug., 8
Speaking the Same Language (Heritage Collection), June, 25
Symposium on Field Instrumentation for Soil and Rock, May, 14
Symposium on Geotechnics of High Water Content Materials, Nov., 16
Symposium on Superfund Risk Assessment, Jan., 16
D18.17 on Rock and Erosion Control:
Practice for Specifying Sizes of Stone for Erosion Control Published, June, 12

ASTM Committee D-19 on Water:
IESWTR Workshop Scheduled (ASTM Update), Nov., 4
Measuring the Quality of Water (Rice), June, 38
Revising Precision and Bias Standard, Feb., 10
Round Robin Participants Sought (ASTM Update), Nov., 4
Sustaining the Industrial Juggernaut (Inside *SN*), June, 3
Workshop on U.S. EPA Streamlining of Water Methods (Photoessay), Nov., 57
D19.15 on Commercial Field Devices for Treatment of Ambient Water:
Forms Task Group for Water Filter Specification (ASTM Update), Apr., 4

ASTM Committee D-20 on Plastics:
Non-Uniform Plastic Standards Have Left and Gone Away [D 4000] (Heritage Collection), Aug., 23
Symposium on Limitations of Test Methods for Plastics, Aug., 12

ASTM Committee D-22 on Sampling and Analysis of Atmospheres:
1999 Johnson Conference, Oct., 18
Air We Breathe (Oatess), June, 32
Sustaining the Industrial Juggernaut (Inside *SN*), June, 3

ASTM Committee D-26 on Halogenated Organic Solvents and Fire Extinguishing Agents:
D26.02 on Vapor Degreasing:
Developing Two New Standards (ASTM Update), May, 4

ASTM Committee D-30 on Composite Materials:
Names Camponeschi New Chairman, Dec., 59
Symposium on Time-Dependent and Nonlinear Effects in Polymers and Composites, Apr., 13

ASTM Committee D-34 on Waste Management:
EPA Cooperative Agreement Extended, July 8
New Subcommittee on Animal Confinement Formed, Apr., 8
Revising D 6232 (ASTM Update), Nov., 4
Standards for a Cleaner Planet (Gorman), Dec., 36
Test Method for Screening of Waste for Radioactivity Being Reviewed, Mar., 11
D34.01 on Sampling and Monitoring:
New Sampling Equipment Data Needed for ASTM and EPA Guides, Dec., 13
D34.05 on Site Remediation:
Four Proposed Standards Activities for Brownfields Being Explored, Feb., 11
D34.17 on Medical Waste:
Reactivated, Feb., 10

ASTM Committee D-35 on Geosynthetics:
Standards for a Cleaner Planet (Gorman), Dec., 36
Stress Test for HDPE Geomembranes [D 5397] (Coppa), Dec., 32
D35.03 on Permeability and Filtration:
Forms Task Group on Radial Transmissivity (ASTM Update), May, 4

ASTM Committee E-1 on Analytical Chemistry for Metals, Ores, and Related Materials:
Co-Sponsoring Symposium on Analytical Technology in the Mineral Industries (ASTM Update), Apr., 4
Guide for Composition and Testing Revised by Committee E-1, Feb., 13
Presents Award of Merit to C.K. Deak, Feb., 50
Standard About Standards [E 1742] (Heritage Collection), June, 26

ASTM Committee E-4 on Metallography:
Science (and Art) of Metallography (Brandemarte, Vander Voort), June, 27
Sustaining the Industrial Juggernaut (Inside *SN*), June, 3

ASTM Committee E-5 on Fire Standards:
ASTM's Role in Performance-Based Fire Codes and Standards, Nov., 16
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
Lessons of Tragedy (Inside *SN*), July, 3
Trial by Fire [E 119, E 1354] (Heritage Collection), July, 19

ASTM Committee E-6 on Performance of Buildings:
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
EIFS Workshop (ASTM Update), Oct., 4
Forms Task Group on Design Life (ASTM Update), July, 4
From the Ground Up (Gorman), July, 21
Presents Award of Merit to D.A. Mikelson, Aug., 51
Presents Award of Merit to R.J. Kuhbander, Feb., 50
Symposium on Use of and Need for Preservation Standards in Architectural Conservation, Feb., 14
Symposium on Water Problems in Building Exterior Walls: Evaluation, Prevention, and Repair, Feb., 14
E06.22.08 on Design Life of Buildings:
ISO Activity Elevated to Subcommittee Status (ASTM Update), May, 4
E06.41 on Air Leakage and Ventilation Performance:
Longevity Testing of HVAC Duct Sealants (ASTM Update), Feb., 4
E06.51 on Component Peformance of Windows, Curtain Walls, and Doors:
Balloting Exterior Windows and Doors and Skylights Standard (ASTM Update), Oct., 4

ASTM Committee E-7 on Nondestructive Testing:
ASTM Committee E-7 on Nondestructive Testing (Hardison), June, 44
Presents Award of Merit to C.E. Jaycox, Nov., 59
Sustaining the Industrial Juggernaut (Inside *SN*), June, 3
Symposium on Acoustic Emission, Jan., 16
E07.10 on Emerging NDT Methods:
Digital Imaging and Communication in NDE, May, 11

ASTM Committee E-8 on Fatigue and Fracture:
P.C. Paris Receives Dudley Award, Oct., 59
Presents Award of Merit to K.-H.E. Schwalbe, Oct., 62
Presents Award of Merit to M.R. Mitchell, Oct., 62
Standardization Improves Structural Integrity (Hopkins), Oct., 38
Symposium on Fatigue and Fracture Mechanics, May, 14
Symposium on Fatigue Crack Growth Thresholds, Endurance Limits, and Design, Aug., 12
Symposium on Mixed Mode Crack Behavior, Apr., 13
Symposium on Thermo-Mechanical Behavior of Materials, Aug., 12
"That Progressive Action" (Inside *SN*), Oct., 3
E08.06 on Crack Growth Behavior:
Forms Task Group (ASTM Update), Feb., 4

ASTM Committee E-10 on Nuclear Technology and Applications:
H. Farrar New Chairman, Nov., 61
Presents Peter Hedgecock Award to K.P.J. O'Hara (Photoessay), Sept., 42

ASTM Committee E-12 on Appearance:
E12.14 on Characterization of Multidimensional Aspects of Appearance:
Formed, June, 10

ASTM Committee E-17 on Vehicle-Pavement Interface:
ASTM in the "American Century" (Inside *SN*), Sept., 3
Not a Chance Encounter (Parrish), Sept., 30
Presents Award of Appreciation to Abe (Photoessay), Dec., 58
E17.22 on Friction Measurement of Traveled Surfaces Under Winter Conditions:
Formed, Jan., 10
E17.52 on Traffic Monitoring:
Developing Standards for Vehicle Detectors and Vehicle Detection Devices for ITS (ASTM Update), July, 4

ASTM Committee E-18 on Sensory Evaluation of Materials and Products:
And You Think Your Job Stinks? (Photoessay), May, 45
ASTM in the "American Century" (Inside *SN*), Sept., 3
Food for Thought (Keane), Sept., 27
Names Keane New Chairman, Dec., 59
Organizing Seminar of Cross-Cultural Consumer Research (ASTM Update),

Apr., 4
Research Forum Holds First Seminar, Aug., 8
ASTM Committee E-20 on Temperature Measurement:
E20.08 on Medical Thermometry:
Developing Spec on Infrared Thermometers (ASTM Update), July 4
ASTM Committee E-27 on Hazard Potential of Chemicals:
D. Frurip New Chairman, Nov., 61
ASTM Committee E-28 on Mechanical Testing:
Brief History of Mechanical Testing and ASTM Committee E-28 (Newby, Marsh), Oct., 46
Presents Award of Merit to F.J. Marsh, Feb., 50
Trailblazer for Quality Assessment [E 1595] (Heritage Collection), Oct., 26
ASTM Committee E-29 on Particle Size Measurement:
Presents Award of Merit to S.E. Nushart, Feb., 50
E29.04 on Liquid Particle Characterization:
Meeting in Conjunction with ILASS Conference (ASTM Update), Apr., 4
ASTM Committee E-31 on Healthcare Informatics:
E 1238 Provides Computer Code "DNA" for Many Other Standards (Heritage Collection), Dec., 34
Four New Standards Under Development, Jan., 13
Three New Activities Under Way, May, 10
ASTM Committee E-33 on Environmental Acoustics:
Ceiling System Corrosion Task Group Convenes, Oct., 11
Open Office Acoustics (Herbert), Dec., 39
Presents Award of Merit to R. Moulder, July, 51
Upstairs Neighbors [E 90] (Heritage Collection), July, 18
E33.09 on Community Noise:
Seeking Round Robin Participation (ASTM Update), Jan., 4
ASTM Committee E-34 on Occupational Health and Safety:
E34.50 on Health and Safety Standards for Metal Working Fluids:
Developing Draft Practice for Minimizing Exposure to Aerosol Metalworking Fluids (ASTM Update), Jan., 4
ASTM Committee E-35 on Pesticides:
Symposium on Pesticide Formulations and Application Systems, Oct., 18
ASTM Committee E-36 on Conformity Assessment:
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
Broad Appeal, (Inside *SN*), Nov., 3
Contribution of Committee E-36 to the Conformity Assessment Arena (Gladhill), Nov., 54
Draft Standard Guide for Establishing Requirements for Bodies Operating Certification Systems for Personnel, Apr., 8
New Standard for Agencies Inspecting Construction and Building Sites, Nov., 13
ASTM Committee E-37 on Thermal Measurements:
Conducting ILT for E 1868 (ASTM Update), Jan., 4
Conducting ILT for Proposed Standard (ASTM Update), Dec., 4
Developing Standard on Borchardt and Daniels Kinetics by Differential Scanning Calorimetry (ASTM Update), June, 4
Presents Award of Merit to B. Cassel, July, 51
E37.01 on Test Methods and Recommended Practices:
Preparing ILT on E 1868 (ASTM Update), Dec., 4
ASTM Committee E-42 on Surface Analysis:
Revised E 1523 (ASTM Update), Nov., 4
ASTM Committee E-43 on SI Practice:
America's Standard for Metrication [IEEE/ASTM SI 10] (Heritage Collection), Nov., 27
ASTM Committee E-47 on Biological Effects and Environmental Fate:
One Fish, Two Fish, Keeping Water Blue for Fish [E 729] (Coppa), Dec., 33
ASTM Committee E-49 on Computerization of Material and Chemical Property Data:
Revising E 1308 (ASTM Update), June, 4
ASTM Committee E-50 on Environmental Assessment:
Approves E 1911 (ASTM Update), Jan., 4
Instructors Sought for New ASTM Course on Remediation by Natural Attenuation, Feb., 13
Standards for a Cleaner Planet (Gorman), Dec., 36
E50.01 on Storage Tanks:
Two New Task Groups Addressing Chemical Release Sites, Jan., 11
E50.02 on Commercial Real Estate Transactions:
Developing Standard on Property Condition Assessment: Baseline Property Condition Assessment Process (ASTM Update), June, 4
Finalizing Two Real Estate Standards (ASTM Update), Dec., 4
ASTM Committee F-1 on Electronics:
ASTM in the "American Century," (Inside *SN*), Sept., 3
B. Gehman New Chairman, Nov., 61
Electronics, ASTM Committee F-1, Your Life...And Other Things That Matter (Scace), Sept., 20
ASTM Committee F-4 on Medical and Surgical Materials and Devices:
Developing Specification for Puncture Resistance of Containers for Discarded Medical Needles and Other Sharps (ASTM Update), Jan., 4
Division on Tissue-Engineered Medical Products Formed; Cardiovascular Standards Under Development, Mar., 9
Seeking Participation on New Task Groups (ASTM Update), Feb., 4
Symposium on Cobalt-Base Alloys for Biomedical Applications, June, 13
Workshop on Development of Performance Standards for Medical Devices, Apr., 8
ASTM Committee F-8 on Sports Equipment and Facilities:
Input Sought for New Standard on Synthetic Soccer Fields, Nov., 11
Safer Eyewear for Motorcyclists, Nov., 12
ASTM Committee F-12 on Security Systems and Equipment:
F12.10 on Systems and Products:
Revising Two Standards and Developing a Third (ASTM Update), June, 4
ASTM Committee F-13 on Safety and Traction for Footwear:
Draft Standard Guide for Performance Labeling of Footwear Soling Slip Resistance Being Developed, July, 8
ASTM Committee F-14 on Fences:
F14.35 on Ornamental Metal Fencing Systems:
Formed, May, 12
ASTM Committee F-15 on Consumer Products:
Broad Appeal (Inside *SN*), Nov., 3
Putting Safety First (Brown, Fise, Waller), Nov., 28
Seeks Participation on New Subcommittees (ASTM Update), Dec., 4
F15.29 on Public Playground Equipment:
Playground Safety 1999, International Conference (National/International Update), Dec., 6
F15.34 on Language Interpretation:
Standards for Language Interpretation, Sept., 8
ASTM Committee F-16 on Fasteners:
Keeping a Grip on Things (Pekar), Oct., 42
"That Progressive Action" (Inside *SN*), Oct., 3
Ubiquitous A 325 (Heritage Collection), Oct., 27
ASTM Committee F-17 on Plastic Piping Systems:
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
From the Ground Up (Gorman), July, 21
ASTM Committee F-18 on Electrical Protective Equipment for Workers:
F18.55 on Acoustic Emission:
Seeking Participants, July, 9
ASTM Committee F-20 on Hazardous Substances and Oil Spill Response:
Of Booms and Barriers [F 962] (Heritage Collection), Dec., 35
Standards for a Cleaner Planet (Gorman), Dec., 36
ASTM Committee F-23 on Protective Clothing:
Shield Against Chemical Hazards [F 739] (Heritage Collection), Nov., 25
ASTM Committee F-25 on Ships and Marine Technology:
Broad Appeal (Inside *SN*), Nov., 3
Hosting Fire Safety of Commercial Vessels Seminar; Seeking Participation in Development of Five New Standards, Mar., 8
Presenting Seminar on Requirements of the New Maritime Regulatory Regime (ASTM Update), May, 4
U.S. Maritime Industry (Conroy), Nov., 44
F25.13 on Piping Systems and Components:
Forming Three Task Groups (ASTM Update), Oct., 4
ASTM Committee F-27 on Snow Skiing:
Broad Appeal (Inside *SN*), Nov., 3

SUBJECT INDEX

Chronology of Skiing Standards (Bahniuk), Nov. 32

ASTM Committee F-29 on Anesthetic and Respiratory Equipment:
Chronology of Skiing Standards, Nov., 32
Developing Draft on Suction Catheters (ASTM Update), June, 4
F29.01.10 on Patient Warming Systems:
Two Work Groups Formed (ASTM Update), Oct., 4

ASTM Committee F-30 on Emergency Medical Services:
Presents Plaque to S. Mawn (Photoessay), Sept., 42

ASTM Committee G-1 on Corrosion of Metals:
Ceiling System Corrosion Task Group Convenes, Oct., 11
Coating Test That Covers the Globe [B 117] (Heritage Collection), Oct., 25
Forms Task Group on Double Loop EPR Test Method (ASTM Update), Apr., 4
How Corrosion Impacts Our Daily Lives, Our Safety, and Our Economy (Baboian, Chaker, Hack), Oct., 28
Practice for Measuring Stray Current Under Development, Oct., 11
Standard G 158 Unearths Assessment Options, Dec., 12
Symposium on Designing Cathodic Protection Systems for Marine Structures and Vehicles, Oct., 18
"That Progressive Action" (Inside *SN*), Oct., 3
V. Chaker New Chairman, Nov., 61
Workshop on Corrosion Inhibitors, Aug., 8
Writing Standards on Marine Cathodic Protection (ASTM Update), Apr., 4

ASTM Committee G-2 on Wear and Erosion:
Surfaces in Conflict (Heymann), Oct., 32
Symposium on Wear Processes in Manufacturing, Apr., 13
"That Progressive Action" (Inside *SN*), Oct., 3

ASTM Committee G-4 on Compatibility and Sensitivity of Materials in Oxygen Enriched Atmospheres:
Broad Appeal (Inside *SN*), Nov., 3
Oxygen: Not Just for Breathing Anymore (Yentzen), Nov., 36
Oxygen Safety Standard [G 128] (Heritage Collection), Nov., 26

ASTM Committee on Publications (COP):
Outgoing Members (Photoessays), Dec., 58
Presents Award of Appreciation to St. John (Photoessay), Mar., 48
Presents Dudley Award to R. Waite IV, Feb., 52

ASTM Committee on Technical Committee Operations (COTCO):
Outgoing Members (Photoessay), Dec., 58

ASTM Institute for Standards Research (ISR):
Paper Aging Research Program Under Way, Aug., 9
Sponsoring EHSSDG Product Benchmarking Event (ASTM Update), Feb., 4

ASTM Interactive Standards Development Forums:
Enhancements Made, June, 10

ASTM New Activities:
Fire Blankets for Residential Use (ASTM Update), June, 4

ASTM Nominating Committee:
Chooses Nominees, Aug., 50
Nominations Sought, Mar., 8; (ASTM Update), Apr., 4

ASTM Publications:
Fifth Chinese Language *SN* Available in May (National/International Update), Apr., 6
Standards Source Online Subscription Service Now Available, June, 11

ASTM Symposia:
1999 Johnson Conference (D-22), Oct., 18
Acoustic Emission (E-7), Jan., 16
ASTM's Role in Performance-Based Fire Codes and Standards (E-5), Nov., 16
Cobalt-Base Alloys for Biomedical Applications (F-4), June, 13
Designing Cathodic Protection Systems for Marine Structures and Vehicles (G-1), Oct., 18
Developments in Test Methods for Alkali-Silica Reaction (C-1, C-9), Oct., 18
Fatigue and Fracture Mechanics (E-8), May, 14
Fatigue Crack Growth Thresholds, Endurance Limits, and Design (E-8), Aug., 12
Field Instrumentation for Soil and Rock (D-18), May, 14
Geotechnics of High Water Content Materials (D-18), Nov., 16
Hot Mix Asphalt Construction: Certification and Accreditation Programs (D-4), Nov., 16
Limitations of Test Methods for Plastics (D-20), Aug., 12
Masonry: Materials, Testing and Applications (C-1, C-7, C-12, C-15), Nov., 16
Mixed Mode Crack Behavior (E-8), Apr., 13
Pesticide Formulations and Application Systems (E-35), Oct., 18
Roofing Research and Standards Development (D-8), Nov., 17
Superfund Risk Assessment (D-18), Jan., 16
Thermo-Mechanical Behavior of Materials (E-8), Aug., 12
Time-Dependent and Nonlinear Effects in Polymers and Composites (D-30), Apr., 13
Use of and Need for Preservation Standards in Architectural Conservation (E-6), Feb., 14
Water Problems in Building Exterior Walls: Evaluation, Prevention and Repair (E-6), Feb., 14
Wear Processes in Manufacturing (G-2), Apr., 13

ASTM Technical and Professional Training (TPT):
Proper Use, Application, and Performance of ASTM B 117 (ASTM Update), June, 4

Awards:
Awards of Merit:
Feb., 50; July, 51; Aug., 51; Sept., 44; Oct., 62; Nov., 59
Cavanaugh Award:
1997 Recipients (Photoessay), Feb., 48
1998 Award Presented to G. Berchtold, July, 52
Nominees Sought (ASTM Update), Jan., 4
Dudley Award:
1997 Presented to R. Waite IV, Feb., 52
1998 Nominees Sought, Apr., 50
1998 Presented to P.C. Paris, Oct., 59
Ellis Award Nominees Sought, Dec., 57
Reinhart Award Nominees Sought, Jan., 66
Richart Award Presented to C.J. Cain, Nov., 58
Voss Award Nominees Sought, Feb., 49

AWS:
see American Welding Society

B

Berchtold, Gladys:
Receives 1998 ASTM W.T. Cavanaugh Award, July, 52

Berry, J.C.:
Impact of Standards Paper Contest Winners, Nov., 72

Biological Effects and Environmental Fate:
see ASTM Committee E-47

Brant, W.C.:
Receives Award of Merit from D-16, Nov., 59

British Standards Institution (BSI):
Lazenby Named New Director of Standards (National/International Update), May, 7

BSI:
see British Standards Institution

Building and Fire Research Laboratory:
Establishes Partnership for High-Performance Concrete Technology (National/International Update), Aug., 4

Building Seals and Sealants:
see ASTM Committee C-24

C

Cain, C.J.:
Receives Richart Award, Nov., 58

Camponeschi, E.T.:
New Chairman of D-30, Dec., 59

Carr, R.P.:
Receives Award of Merit from D-15, Oct., 62

Cassel, Bruce:
Receives ASTM Award of Merit from E-37, July, 51

Catlin, A.H.:
Receives ASTM Award of Merit from D-10, Aug., 51

Cement:
see ASTM Committee C-1

Centennial:
see ASTM Centennial

Chaker, Victor:
New Chairman of G-1, Nov., 61

Chemical Resistant Nonmetallic Materials:
see ASTM Committee C-3

China:
Workshop on Technical Regulations to Be Held in U.S. DOC (National/International Update), Jan., 6

Christensen, F.M.:
Receives Award of Merit from A-1, Sept., 44

Coal and Coke:
see ASTM Committee D-5

Commentary:
What Is an International Standard? (Ritterbusch), Jan., 14

Compatibility and Sensitivity of Materials in Oxygen Enriched Atmospheres:
see ASTM Committee G-4

Composite Materials:
see ASTM Committee D-30

SUBJECT INDEX

Computerization of Material and Chemical Property Data:
see ASTM Committee E-49
Computerized Systems:
see ASTM Committee E-31
Concrete and Concrete Aggregates:
see ASTM Committee C-9
Concrete Pipe:
see ASTM Committee C-13
Concrete Reinforcing Steel Institute:
CEFI Forms Scholarship Program (National/International Update), May, 7
Conformity Assessment:
see ASTM Committee E-36
Consumer Federation of America:
Putting Safety First (Brown, Fise, Waller), Nov., 28
Consumer Products:
see ASTM Committee F-15
Consumer Product Safety Commission (CPSC):
see U.S. Consumer Product Safety Commission
COP:
see ASTM Committee on Publications
Copper and Copper Alloys:
see ASTM Committee B-5
Corrosion of Metals:
see ASTM Committee G-1
COTCO:
see ASTM Committee on Technical Committee Operations
CPSC:
see U.S. Consumer Product Safety Commission

D

Dallin, G.W.:
Receives Award of Merit from A-5, Sept., 44
Danchik, R.S.:
Receives Award of Merit from D-22, Sept., 44
Davison, R.M.:
Receives Award of Merit from A-1, Sept., 44
Deak, C.K.:
Receives Award of Merit from E-1, Feb., 50
DOC:
see U.S. Department of Commerce
DOE:
see U.S. Department of Energy
Driscoll, S.B.:
Nominated as ASTM Director, Oct., 65

E

Edmunds, W.M.:
1998 Society Officers Elected, Jan., 65
Interview with the 1998 Chairman of the ASTM Board of Directors, Jan., 20
EHSSDG:
see Environmental Health and Safety Software Development Group
Electrical and Electronic Insulating Materials:
see ASTM Committee D-9
Electrical Conductors:
see ASTM Committee B-1
Electrical Protective Equipment for Workers:
see ASTM Committee F-18
Electronics:
see ASTM Committee F-1
Emergency Medical Services:
see ASTM Committee F-30
Engine Coolants:
see ASTM Committee D-15
Environmental Acoustics:
see ASTM Committee E-33
Environmental Assessment:
see ASTM Committee E-50
Environmental Health and Safety Software Development Group (EHSSDG):
Sponsoring Product Benchmarking Event with ISR (ASTM Update), Feb., 4
EU:
see European Union
European Union (EU):
Commissioner Bangemann Proposes GIS Charter to Regulate Internet (National/International Update), Feb., 6
Everett, L.G.:
1998 Society Officers Elected, Jan., 65

F

Farrar, Harry:
New Chairman of E-10, Nov., 61
Fastener Quality Act (FQA):
Final Rule Published (National/International Update), June, 6
Implementation Postponed (National/International Update), Aug., 4; (National/International Update), Nov., 6
Fasteners:
see ASTM Committee F-16
Fatigue and Fracture:
see ASTM Committee E-8
FDA:
see U.S. Food and Drug Administration
Federal Technical Standards Workshop:
First to Be Held in August (National/International Update), June, 6
Fences:
see ASTM Committee F-14
Fiber-Cement Products:
see ASTM Committee C-17
Fiedler, R.M.:
Receives Award of Merit from D-10, Feb., 50
Fields, R.E.:
Receives Award of Merit from D-30, Sept., 44
Fire Standards:
see ASTM Committee E-5
FQA:
see Fastener Quality Act
From the President's Office:
On the Occasion of ASTM's 100th Anniversary (Thomas), June, 22
Frurip, D.J.:
New Chairman of E-27, Nov., 61

G

Gehman, B.L.:
New Chairman of F-1, Nov., 61
Geosynthetics:
see ASTM Committee D-35
Glass and Glass Products:
see ASTM Committee C-14
Graham, R.D.:
Receives ASTM Award of Merit from D-5, Aug., 51
Gypsum and Related Building Materials and Systems:
see ASTM Committee C-11

H

Hack, H.P.:
1998 Society Officers Elected, Jan., 65
Halogenated Organic Solvents and Fire Extinguishing Agents:
see ASTM Committee D-26
Hardy-Pierce, Helene:
Receives Award of Merit from D-8, Nov., 59
Hazardous Substances and Oil Spill Response:
see ASTM Committee F-20
Hazard Potential of Chemicals:
see ASTM Committee E-27
Healthcare Informatics:
see ASTM Committee E-18
Health Industry Business Communications Council (HIBCC):
Workshops to Be Held (National/International Update), Oct., 6
Heritage Collection:
A 6/A 6M (Sikora), Feb., 64
America's Manual for Metrication [SI 10] (Coppa), Nov., 27
Building Blocks of Petroleum Standardization [D 86, D 445, D 1655] (Gorman), Apr., 16
Care Labeling [D 5489] (Sikora), May, 19
Coating Test That Covers the Globe [B 117] (Coppa), Oct., 25
E 1238 Provides Computer Code "DNA" for Many Other Standards (Gorman), Dec., 34
High Performance Sealants Do the Hockman Cycle [C 719] (Falco), July, 17
Influence and Adaptability [C 94] (Gorman), Mar., 17
Invisible Metal [B 6] (Gorman), Aug., 22
Making Paint Safer [D 235, D 3960, D 4236] (Sikora), May, 20
Metal of Civilization [B 115, B 49] (Falco), Aug., 21
Mineral Insulating Oils Help Power the Nation [D 3487] (Falco), Sept., 15
Non-Uniform Plastic Standards Have Left and Gone Away [D 4000] (Boylan), Aug., 23
Of Booms and Barriers [F 962] (Falco), Dec., 35
One Fish, Two Fish, Keeping Water Blue for Fish [E 729] (Coppa), Dec., 33
Oxygen Safety Standard [G 128] (Coppa), Nov., 26
Performance Package [D 4169] (Gorman), Mar., 19
Providing a Baseline [C 1186] (Falco), Mar., 18
Shield Against Chemical Hazards [F 739] (Coppa), Nov., 25
Speaking the Same Language [D 2487] (Stephenson), June, 25
Standard About Standards [E 1724] (Sikora), June, 26
Stress Test for HDPE Geomembranes [D 5397] (Coppa), Dec., 32
Trailblazer for Quality Assessment [E 1595] (Coppa), Oct., 26
Trial by Fire [E 119, E 1354] (Sikora), July, 19
Ubiquitous A 325 (Gorman), Oct., 27
Upstairs Neighbors [E 90] (Gorman), July, 18

SUBJECT INDEX

HIBCC:
see Health Industry Business Communications Council
High Modulus Fibers and Their Composites:
see ASTM Committee D-30
Himmelman, B.F.:
Receives Award of Merit from D-4, Nov., 59
Holliday, W.M.:
1998 Society Officers Elected, Jan., 65
Holt, J.M.:
Impact of Standards Paper Contest Winners, Nov., 72

I

IAAC:
see Interamerican Accreditation Council
ICBO:
see International Conference of Building Officials
IEC:
see International Electrotechnical Commission
In Closing:
ASTM: A Proven Partnership—The ASTM Video, Apr., 64
Centennial Art Unveiling, Sept. 64
To Our Readers, Dec., 80
Inside *SN*:
ASTM in the "American Century," (Heinrich), Sept., 3
ASTM Into the 21st Century (Heinrich), Dec., 3
Bridging the Mountain Pass (Heinrich), Mar., 3
Broad Appeal (Heinrich), Nov., 3
Fueling a Nation (Heinrich), Apr., 3
Lessons of Tragedy (Heinrich), July, 3
Rust Never Sleeps (Heinrich), Aug., 3
Standards Development as Crisis Management (Heinrich), May, 3
Steel Foundation (Gorman), Feb., 3
Sustaining the Industrial Juggernaut (Heinrich), June, 3
"That Progressive Action" (Heinrich), Oct., 3
What a Century It's Been! (Schindler), Jan., 3
Insight:
Entering the "Commercial Century" (Mead), Dec., 23
Interamerican Accreditation Cooperation (IAAC):
Bridge to Multilateral Recognition in the Americas (Figueiredo), Nov., 18
Overview (National/International Update), Mar., 4
International Academy for Professional Code Administration:
Formed (National/International Update), June, 6
International Association of Plumbing and Mechanical Officials:
Agrees to Support NFPA Codes and Standards (National/International Update), June, 6
International Centre for Diffraction Data:
Signs Agreement with FIZ (National/International Update), Jan., 6
International Conference of Building Officials (ICBO):
ASTM Standards in the Uniform Building Code (Ramani, Bihr), July, 28
Lessons of Tragedy (Inside *SN*), June, 3
International Electrotechnical Commission (IEC):
Bosnia and Herzegovina and Philippines Become Members (National/International Update), Jan., 6
Fünfschilling Named President-Elect (National/International Update), Mar., 4
Iceland Becomes Member (National/International Update), Sept., 4
Questionnaire Available (National/International Update), Oct., 6
Saudi Arabia Becomes Full Member (National/International Update), Aug., 4
International Organization for Standardization (ISO):
Annual International Conference on ISO 9000 (National/International Update), Nov., 6
ASTM to Administer Secretariat and U.S. TAG to ISO Technical Committee on Health Informatics, May, 11
Building Construction Activity Made ASTM Subcommittee (ASTM Update), May, 4
U.S. Experience in ISO Technical Committee 17 on Steel (Tyson), Feb., 40
International System of Units (SI):
NIST Scientists Standardizing Kilogram (National/International Update), Sept., 4
ISO:
see International Organization for Standardization
ISR:
see ASTM Institute for Standards Research

J

Janke, L.C.G.:
1998 Society Officers Elected, Jan., 65
Jaycox, C.E.:
Receives Award of Merit from E-7, Nov., 59
Juvenile Products Manufacturers Association (JPMA):
Putting Safety First (Brown, Fise, Waller), Nov., 28

K

Kammer, Raymond:
Confirmed as 11th NIST Director (National/International Update), Jan., 6
Interview with NIST Director Raymond Kammer, June, 14
Kaspar, I.I.:
Receives Award of Merit from C-13, Sept., 44
Keane, P.A.:
New Chairman of E-18, Dec., 59
Kuhbander, R.J.:
Receives Award of Merit from E-6, Feb., 50

L

Laboratory Accreditation:
see ASTM Committee E-36
Landgraf, R.W.:
Receives ASTM Fatigue Achievement Award (Photoessay), Apr., 50
Latimer, K.L.:
Receives ASTM Award of Merit from A-6, Aug., 51
Lazenby, David:
New Director of BSI (National/International Update), May, 7
Letters to the Editor:
ASTM Archives [E.A. Jonas], Feb., 15
Century of Progress [A.W. Zeuthen], Apr., 13
EPS Error [J.L. Autry] (Response to July McElroy Article), Oct., 21
Mega-Error [D. Chitty] (Response to July Engbrecht Article), Sept., 11
Military Contributions to Petroleum Standardization [M.E. LePera] (Response to April Issue), July, 14
Never Forget Safety [S. Joseph] (Response to April Shaub Article), July, 14
Thank You, ASTM! [L.E. Steele], Feb., 15
U.S.-Centrism [P. Walsh] (Response to Weaver March Letter), July, 14
What Is an International Standard? [Weaver] (Response to Dec. 97 President's Essay), Mar., 12
Light Metals and Alloys:
see ASTM Committee B-7
Lime:
see ASTM Committee C-7

M

Magnetic Properties:
see ASTM Committee A-6
Malcolm Baldrige National Quality Award:
1997 Winners Announced (National/International Update), Jan., 6
NIST Seeking Examiners (National/International Update), Nov., 6
Winners to Share Strategies (National/International Update), May, 7
Manahan, Michael:
Impact of Standards Paper Contest Winners, Nov., 72
Manufactured Masonry Units:
see ASTM Committee C-15
Manufacturing Extension Partnership (MEP):
Millennium Bug Tool (National/International Update), Oct., 6
Marlowe, D.E.:
Nominated for ASTM Vice-Chairmanship, Oct., 64
Marsh, F.J.:
Impact of Standards Paper Contest Winners, Nov., 72
Receives Award of Merit from E-28, Feb., 50
Mason Contractors Association of America:
Declares Masonry Career Day (National/International Update), Jan., 6
Relocates Office (National/International Update), Feb., 6
Materials for Thermostats, Electrical Heating and Resistance, Contacts and Connectors:
see ASTM Committee B-4
Materials Science and Engineering Laboratory:
Names L. Smith Director (National/International Update), July, 4
Mawn, S.F:
Receives Plaque from F-30 (Photoessay), Sept., 42
McCowan, C.N.:
Impact of Standards Paper Contest Winners, Nov., 72
McGowan, E.J.:
Receives ASTM Award of Merit from D-9, July, 51

SUBJECT INDEX

McIntee, G.G.:
1998 Society Officers Elected, Jan., 65
Mechanical Testing:
see ASTM Committee E-28
Medical and Surgical Materials and Devices:
see ASTM Committee F-4
MEP:
see Manufacturing Extension Partnership
Metallic and Inorganic Coatings:
see ASTM Committee B-8
Metallic Coated Iron and Steel Products:
see ASTM Committee A-5
Metallography:
see ASTM Committee E-4
Metallurgy 98:
To Be Held in India (National/International Update), May, 7
Metric Program:
Poster Available (National/International Update), June, 6
Mikelson, D.A.:
Receives ASTM Award of Merit from E-6, Aug., 51
Mitchell, M.R.:
Receives Award of Merit from E-8, Oct., 62
Moroze, J.P.:
Receives Award of Merit from D-10, Feb., 50
Mortars for Unit Masonry:
see ASTM Committee C-12
Moulder, Ron:
Receives ASTM Award of Merit from E-33, July, 51
Moyer, R.C.:
Nominated as ASTM Director, Oct., 65
Mumaw, J.R.:
Receives Award of Merit from C-16, Feb., 50
Myers, J.C.:
Nominated as ASTM Director, Oct., 65

N

National Board of Boiler and Pressure Vessel Inspectors:
Seeking Nominations for Safety Medal Award (National/International Update), Nov., 6
National Conference on Weights and Measures:
Names A. Thompson Chairman (National/International Update), July, 4
National Congress on Childhood Emergencies:
To Be Held (National/International Update), Mar., 4
National Educators Workshop: Update 98:
To Be Held in November (National/International Update), May, 7
National Fire Protection Association (NFPA):
Agrees to Support IAPMO Codes and Standards (National/International Update), June, 6
National Information Assurance Partnership:
Established (National/International Update), Jan., 6
National Institute of Standards and Technology (NIST):
Announces Joint Plans with FEMA's USFA (National/International Update), Feb., 6
Building and Fire Research Lab Project Summaries Available (National/International Update), Apr., 6
Co-Hosts World Standards Day Summit with ANSI (National/International Update), Aug., 4
Drafts Guidelines on Commercial Evaluation of Water Analysis Labs (National/International Update), Mar., 4
Establishes Toll-Free Number for Report of Measurement-Related Trade Barriers (National/International Update), July, 4
Interview with NIST Director Raymond Kammer, June, 14
Kammer 11th NIST Director (National/International Update), Jan., 6
NCSCI Information (National/International Update), Nov., 6
New Technique Shows Metal Deformation (National/International Update), Oct., 6
New Reference Material 8010 Available from NIST, Dec., 13
Report on MEP Available (National/International Update), May, 7
Seeking Baldrige Examiners (National/International Update), Nov., 6
Study Reveals ATP Benefits (National/International Update), Apr., 6
Upgrades Scientific Data on WWW (National/International Update), June, 6
National Medal of Technology:
Nominations Sought (National/International Update), Oct., 6
National Program for Playground Safety:
Receives CDC Grant (National/International Update), Feb., 6
National Skill Standards Board (NSSB):
Agreement with ANSI (National/International Update), Mar., 4
National Youth Sports Safety Foundation:
Publishes Fact Sheet on In-Line Skating (National/International Update), Feb., 6
News of the Board:
Jan., 15, Dec., 21
NFPA:
see National Fire Protection Association
NIST:
see National Institute of Standards and Technology
Nondestructive Testing:
see ASTM Committee E-7
Nonferrous Metals and Alloys:
see ASTM Committee B-2
NSSB:
see National Skill Standards Board
Nuclear Technology and Applications:
see ASTM Committee E-10
Nushart, S.E.:
Receives Award of Merit from E-29, Feb., 50

O

Occupational Health and Safety:
see ASTM Committee E-34
Office of Management and Budget:
OMB A-119 Revised (Kono), June, 19
OMB Circular A119 Final Revision (National/International Update), Apr., 6
Officers' Conference:
see ASTM 1998 Officers' Conference
O'Hara, K.P.J.:
Receives Hedgecock Award from E-10 (Photoessay), Sept., 42
Owens Corning:
Interview with the 1998 Chairman of the ASTM Board of Directors, Jan., 20

P

Packaging:
see ASTM Committee D-10
Page, G.C.:
Nominated as ASTM Director, Oct., 65
Paint and Related Coatings, Materials and Applications:
see ASTM Committee D-1
Pan Arab/African Building and Construction Exhibition:
To Be Held in December (National/International Update), Aug., 4
Paris, P.C.:
Receives ASTM Dudley Award, Oct., 59
Particle Size Measurement:
see ASTM Committee E-29
Pendleton, H.F., Jr.:
Receives Award of Merit from C-24, Nov., 59
Performance of Buildings:
see ASTM Committee E-6
Perritt, A.M.:
1998 Society Officers Elected, Jan., 65
Pesticide Regulations Conference:
December (National/International Update), Oct., 6
Pesticides:
see ASTM Committee E-35
Petroleum Products and Lubricants:
see ASTM Committee D-2
Photoessays:
And You Think Your Job Stinks?, Mar., 50; May, 45
"As for Your Other Son, Mrs. Edison...," Apr., 49
ASTM Exhibit at World Standards Day, Feb., 47
Beware of Scientists Bearing Accordions, Dec., 56
Committee E-10 Presents Hedgecock Award, Sept., 42
Committee F-30 Presents Plaque, Sept., 42
D-19 Workshop on U.S. EPA Streamlining of Water Methods, Nov., 57
E-17 Award of Appreciation to Abe, Dec., 58
Ear and Bikini, Earnest and Hope, Oct., 80
How Specifications Live Forever, May, 44
Landgraf Receives Fatigue Achievement Award, Apr., 50
Latest Model, Feb., 46; Apr., 49
Officers' Conference, Dec., 17
Recipients of Cavanaugh Award, Feb., 48
Representatives from Romania Visit ASTM, Feb., 47
Representatives from South America Visit ASTM, Feb., 47
Some Assembly Required, June, 49
St. John Receives Award of Appreciation, Mar., 48
Pierce, J.S.:
Nominated for ASTM Chairmanship, Oct., 64
Plastic Piping Systems:
see ASTM Committee F-17
Plastics:
see ASTM Committee D-20

SUBJECT INDEX

R

Reihlen, Helmut:
Receives W.T. Cavanaugh Award (Photoessay), Feb., 28
Renewable Fuels Association:
Hosting Ethanol Industry Conference (National/International Update), Feb., 6
Rice, J.T.:
Receives Award of Merit from D-14, Sept., 44
Road and Paving Materials:
see ASTM Committee D-4
Romanian Standards Institute:
Visit ASTM (Photoessay), Feb., 47
Roof Coatings Manufacturers Association:
New Web Site (National/International Update), Sept., 4
Roofing, Waterproofing and Bituminous Materials:
see ASTM Committee D-8
Rounds, D.D.:
Impact of Standards Paper Contest Winners, Nov., 72
Rubber:
see ASTM Committee D-11
Ruth, E.A.:
Impact of Standards Paper Contest Winners, Nov., 72

S

SAE:
see Society of Automotive Engineers
Safe Drinking Water Act:
Effective August (National/International Update), June, 6
Safety and Traction for Footwear:
see ASTM Committee F-13
Sampling and Analysis of Atmospheres:
see ASTM Committee D-22
Sapoff, Meyer:
Receives Award of Merit from E-20, Sept., 44
Schraeder, Ellen:
Centennial Art Unveiling (In Closing), Sept. 64
Schwalbe, K.-H.E.:
Receives Award of Merit from E-8, Oct., 59
Schwope, A.D.:
Nominated as ASTM Director, Oct., 65
Sea Horse Institute:
Conference in August (National/International Update), July, 4
Security Systems and Equipment:
see ASTM Committee F-12
Sensory Evaluation of Materials and Products:
see ASTM Committee E-18
SES:
see Standards Engineering Society
Ships and Marine Technology:
see ASTM Committee F-25
Shop Talk:
1998 Officers' Conference (Smith), Mar., 13
Shortreed, G.D.:
Receives Award of Merit from C-11, Sept., 44
SI:
see International System of Units
Siewert, T.A.:
Impact of Standards Paper Contest Winners, Nov., 72
Snow Skiing:
see ASTM Committee F-27
Society of Automotive Engineers (SAE):
Signs MOU with ASTM, Jan., 10
Soil and Rock:
see ASTM Committee D-18
Sperati, C.A.:
Receives Award of Merit from D-20, Sept., 44
Sports Equipment and Facilities:
see ASTM Committee F-8
Standards Engineering Society (SES):
Annual Conference (National/International Update), Mar., 4
Paper Contest Theme Announced (National/International Update), July, 4
Paper Contest Winner Announced (National/International Update), Dec., 6
Professional Development Course at Conference (National/International Update), Sept., 4
Ziegenfuss Named Executive Director (National/International Update), Apr., 6
Steel:
Conference on Sustainable Steel (National/International Update), Mar., 4
Steele, L.E.:
Receives W.T. Cavanaugh Award (Photoessay), Feb., 48
Steel, Stainless Steel and Related Alloys:
see ASTM Committee A-1
Stett, M.A.:
Receives Award of Merit from C-8, Sept., 44
St. John, K.R.:
Receives Award of Appreciation from COP (Photoessay), Mar., 48
Surface Analysis:
see ASTM Committee E-42

T

Temperature Measurement:
see ASTM Committee E-20
Tenneco:
Entering the "Commercial Century" (Mead), Dec., 23
Textiles:
see ASTM Committee D-13
The Masonry Society (TMS):
Develops Web Site (National/International Update), Feb., 6
Sponsors 1999 University Professors' Masonry Workshop (National/International Update), Nov., 6
Thermal Insulation:
see ASTM Committee C-16
Thermal Measurements:
see ASTM Committee E-37
TMS:
see The Masonry Society
Toy Manufacturers of America:
International Toy Safety Seminar (National/International Update), Sept., 4
TPT:
see ASTM Technical and Professional Training
Transportation Research Board (TRB):
78th Annual Meeting (National/International Update), Nov., 6
TRB:
see Transportation Research Board

U

UL:
see Underwriters Laboratories
Underwriters Laboratories (UL):
Taming the Flames, July, 35
U.S. Consumer Product Safety Commission (CPSC):
Celebrating 25th Anniversary (National/International Update), July, 4
Putting Safety First (Brown, Fise, Waller), Nov., 28
U.S. Department of Commerce (DOC):
Appropriations Bill Allots Money (National/International Update), Dec., 6
Hosting Workshop on China's Technical Regulations (National/International Update), Jan., 6
U.S. Department of Energy (DOE):
Publishes Technology Partnerships (National/International Update), Aug., 4
U.S. Food and Drug Administration (FDA):
Science Forum (National/International Update), Sept., 4
U.S. Metric Association:
Web Page (National/International Update), Sept., 4
U.S. Navy:
Navy Conducts Pollution Prevention Review of ASTM Standards, Dec., 11

V

Vehicle-Pavement Interface:
see ASTM Committee E-17
Villa, K.M.:
1998 Society Officers Elected, Jan., 65
Vitrified Clay Pipe:
see ASTM Committee C-4

W

Waite, Richard:
Receives COP Dudley Award, Feb., 52
Walter, R.W., Jr.:
Receives Award of Merit from E-35, Sept., 44
Waste Management:
see ASTM Committee D-34
Water:
see ASTM Committee D-19
Wear and Erosion:
see ASTM Committee G-2
Wood:
see ASTM Committee D-7
Word from the Chairman:
Word from the Chairman, Aug., 16; Dec., 20
World Standards Day:
ASTM Exhibits at 1997 Event (Photoessay), Feb., 47
NIST and ANSI Co-Host Summit (National/International Update), Aug., 4

Z

Zeller, E.G.:
Nominated as ASTM Director, Oct., 65
Ziegenfuss, H.G.:
Named Executive Director of SES (National/International Update), Apr., 6

AUTHOR INDEX

B

Baboian, Robert; Chaker, Victor; Hack, H.P.:
How Corrosion Impacts Our Daily Lives, Our Safety, and Our Economy, Oct., 28

Bahniuk, Eugene:
A Chronology of Skiing Standards, Nov., 32

Beaty, R.E. and Brown, D.R.:
Longstanding Partnership Results in Review of Critical Petroleum Tables, Dec., 26

Bihr, J.E. and Ramani, C.P.:
ASTM Standards in the Uniform Building Code, July, 28

Bover, W.J.:
ASTM, the Petroleum Industry, and Quality Assurance, Apr., 28

Boylan, Lesley:
Non-Uniform Plastic Standards Have Left and Gone Away [D 4000] (Heritage Collection), Aug., 23

Brandemarte, A.V. and Vander Voort, G.F.:
Science (and Art) of Metallography, June, 27

Brown, Ann; Fise, M.E.R.; Waller, R.B.:
Putting Safety First, Nov., 28

Brown, D.R. and Beaty, R.E.:
Longstanding Partnership Results in Review of Critical Petroleum Tables, Dec., 26

Buck, H.H., Jr.; Hsu, G.C.; Kralik, G.M.:
Keeping Pace with Industry, Aug., 32

C

Chaker, Victor; Baboian, Robert; Hack, H.P.:
How Corrosion Impacts Our Daily Lives, Our Safety, and Our Economy, Oct., 28

Cohen, Arthur:
Copper Standards, Aug., 34

Conroy, T.F.:
The U.S. Maritime Industry, Nov., 44

Coppa, Clare:
America's Standard for Metrication [IEEE/ASTM SI 10] (Heritage Collection), Nov., 27
Coating Test That Covers the Globe [B 117] (Heritage Collection), Oct., 25
One Fish, Two Fish, Keeping Water Blue for Fish [E 729] (Heritage Collection), Dec., 33
Oxygen Safety Standard [G 128] (Heritage Collection), Nov., 26
Shield Against Chemical Hazards [F 739] (Heritage Collection), Nov., 25
Stress Test for HDPE Geomembranes [D 5397] (Heritage Collection), Dec., 32
Trailblazer for Quality Assessment [E 1595] (Heritage Collection), Oct., 26

D

Dukek, W.G.:
Aviation Fuel: Its Energy Has Knit the World, Apr., 20

E

Edmunds, W.M.:
Word from the Chairman, Aug., 16; Dec., 20

Engbrecht, Dick and Erwin, A.E.:
From Mud and Reeds to Walls and Ceilings, July, 30

Erwin, A.E. and Engbrecht, Dick:
From Mud and Reeds to Walls and Ceilings, July, 30

F

Falco, Carla:
High Performance Sealants Do the Hockman Cycle [C 719] (Heritage Collection), July, 17
Metal of Civilization [B 115, B 49] (Heritage Collection), Aug., 21
Of Booms and Barriers [F 962] (Heritage Collection), Dec., 35
Providing a Baseline [C 1186] (Heritage Collection), Mar., 18

Figueiredo, R.B.:
The Bridge to Multilateral Recognition in the Americas, Nov., 18

Fise, M.E.R.; Brown, Ann; Waller, R.B.:
Putting Safety First, Nov., 28

G

Galligan, W.L.:
Standardization of Structural Wood Products, May, 36

Gibbs, Lewis:
ASTM Gasoline Specification, Apr., 40

Gladhill, Robert:
The Contribution of Committee E-36 to the Conformity Assessment Arena, Nov., 54

Gorman, Maryann:
And You Think Your Job Stinks? (Photoessay), May, 45
As for Your Other Son, Mrs. Edison (Photoessay), Apr., 49
ASTM Centennial Poster, Aug., 64
Beware of Scientists Bearing Accordions, Dec., 56
Building Blocks of Petroleum Standardization [D 86, D 445, D 1655] (Heritage Collection), Apr., 16
E 1238 Provides Computer Code "DNA" for Many Other Standards (Heritage Collection), Dec., 34
Ear and Bikini, Earnest and Hope (Photoessay), Oct., 80
Elvis Lives (Photoessay), Aug., 47
From the Ground Up, July, 21
Influence and Adaptability [C 94] (Heritage Collection), Mar., 17
Invisible Metal [B 6] (Heritage Collection), Aug., 22
Latest Model (Photoessay), Feb., 46
Performance Package [D 4169] (Heritage Collection), Mar., 19
Some Assembly Required (Photoessay), June, 49
Standards for a Cleaner Planet, Dec., 36
Steel Foundation (Inside *SN*), Feb., 3
Ubiquitous A 325 (Heritage Collection), Oct., 27
Upstairs Neighbors [E 90] (Heritage Collection), July, 18

Graham, Ron:
Partners in Progress, Mar., 36

H

Hack, H.P.; Chaker, Victor; Baboian, Robert:
How Corrosion Impacts Our Daily Lives, Our Safety, and Our Economy, Oct., 28

Hardison, Robert:
ASTM Committee E-7 on Nondestructive Testing, June, 44

Hauser, Karl:
Cement and the Dismal Science, Mar., 20

Heinrich, Thomas:
ASTM in the "American Century," (Inside *SN*), Sept., 3
Bridging the Mountain Pass (Inside *SN*), Mar., 3
Broad Appeal (Inside *SN*), Nov., 3
Fueling a Nation (Inside *SN*), Apr., 3
Lessons of Tragedy (Inside *SN*), July, 3
Rust Never Sleeps (Inside *SN*), Aug., 3
Standards Development as Crisis Management (Inside *SN*), May, 3
Sustaining the Industrial Juggernaut (Inside *SN*), June, 3
"That Progressive Action" (Inside *SN*), Oct., 3
DECEMBER IN ALPHA ORDER (Inside *SN*), Dec., 3

Herbert, R.K.:
Open Office Acoustics, Dec., 39

Heymann, F.J.:
Surfaces in Conflict, Oct., 32

Hopkins, S.W.:
Standardization Improves Structural Integrity, Oct., 38

Hsu, G.C.; Kralik, G.M.; Buck, H.H., Jr.:
Keeping Pace with Industry, Aug., 32

J

Jenkins, M.G.:
New Stone Age, Nov., 48

Jonas, E.A.:
The First 100 Years, Feb., 21

K

Keane, P.A.:
Food for Thought, Sept., 27

Kono, Kathleen:
OMB A-119 Revised, June, 19

Kralik, G.M.; Hsu, G.C.; Buck, H.H., Jr.:
Keeping Pace with Industry, Aug., 32

Krauss, George:
Steel: Its Next One Hundred Years, Feb., 36

L

Lawson, H.H. and Mongeon, Donald:
Testing for Corrosion, Aug., 28

Long, J.K.:
Marriage of Necessity, Aug., 24

M

Marsh, F.J. and Newby, J.R.:
A Brief History of Mechanical Testing and ASTM Committee E-28, Oct., 46

Martens, J.H.:
100 Years of Specification A 1, Feb., 28

Mather, Bryant:
Concrete Performs Well, Mar., 24

McElroy, D.L.:
Thermal Insulation Works for You, July, 22

McKinley, A.H.:
Getting the Goods Safely and Efficiently to Market, Mar., 32

Mead, D.G.:
Entering the "Commercial Century" (Insight), Dec., 23

Mongeon, Donald and Lawson, H.H.:
Testing for Corrosion, Aug., 28

N

Newby, J.R. and Marsh, F.J.:
A Brief History of Mechanical Testing and ASTM Committee E-28, Oct., 46

AUTHOR INDEX

Nisbett, E.G.:
Partnership that Saves Lives, Feb., 24

O

Oatess, W.E.:
Air We Breathe, June, 32

P

Parrish, A.S.:
Not a Chance Encounter, Sept., 30
Pekar, J.P.:
Keeping a Grip on Things, Oct., 42
Pratt, H.T.:
From Pump Up to Pop Up, May, 22

R

Ramani, C.P. and Bihr, J.E.:
ASTM Standards in the Uniform Building Code, July, 28
Rau, R.N.:
Then, Now, and In-Between, Feb., 32
Rice, J.K.:
Measuring the Quality of Water, June, 38
Ritterbusch, Gerald:
What Is an International Standard? (Commentary), Jan., 14

S

Scace, R.I.:
Electronics, ASTM Committee F-1, Your Life...And Other Things That Matter, Sept., 20
Schindler, Barbara:
What a Century It's Been! (Inside *SN*), Jan., 3
Shaub, Harold:
Motor Oil, the Lifeblood of Your Engine, Apr., 24
Sikora, Mario:
A 6/A 6M (Heritage Collection), Feb., 64
Care Labeling [D 5489] (Sikora), May, 19
Making Paint Safer [D 235, D 3960, D 4236] (Sikora), May, 20
Standard About Standards [E 1724] (Heritage Collection), June, 26
Trial by Fire [E 119, E 1354] (Heritage Collection), July, 19
Smith, Daniel:
1998 Officers' Conference (Shop Talk), Mar., 13
Stephenson, Robert:
Speaking the Same Language [D 2487] (Heritage Collection), June, 25

T

Thomas, James:
On the Occasion of ASTM's 100th Anniversary, June, 22
Thompson, E.A.H.:
Committee D-2 on Petroleum Products and Lubricants, Apr., 18
Tyson, S.E.:
U.S. Experience in ISO Technical Committee 17 on Steel, Feb., 40

V

Vander Voort, G.F. and Brandemarte, A.V.:
Science (and Art) of Metallography, June, 27
Veith, A.G.:
Rubber: A Key Element in 20th Century Industrialization, Sept., 34

W

Waller, H.F.:
Building America's Roadway Network, Mar., 28
Waller, R.B.; Brown, Ann; Fise, M.E.R.;
Putting Safety First, Nov., 28
Weaver, John:
Paint Bridges this Century, May, 30
Westbrook, Steven:
Automotive Diesel Fuel, Apr., 34

Y

Yentzen, Michael:
Oxygen: Not Just for Breathing Anymore, Nov., 36